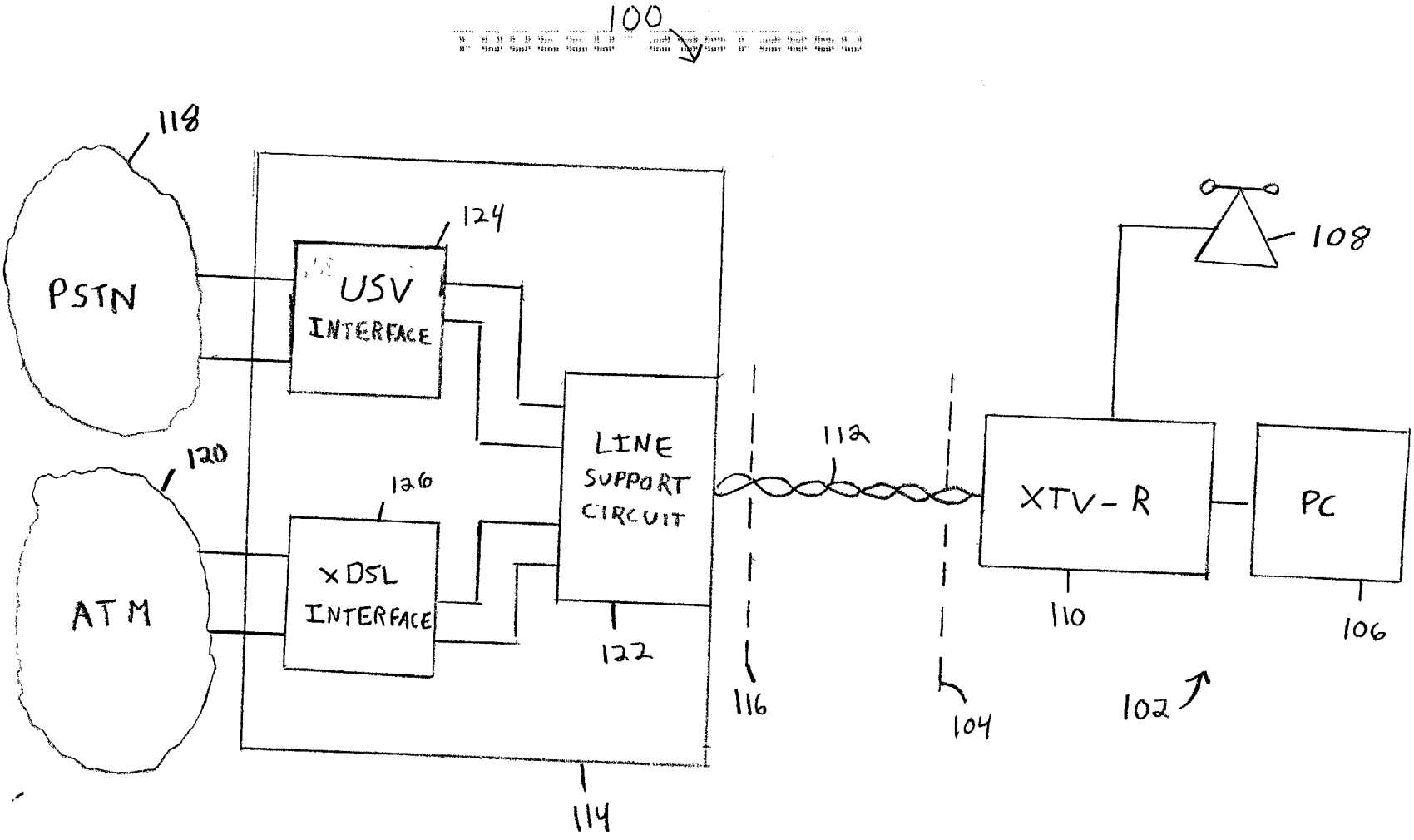
100
118
PSTN
120
ATM
124
USV INTERFACE
126
xDSL INTERFACE
LINE SUPPORT CIRCUIT
122
114
112
116
104
108
XTV-R
110
PC
106
102

FIG. 1

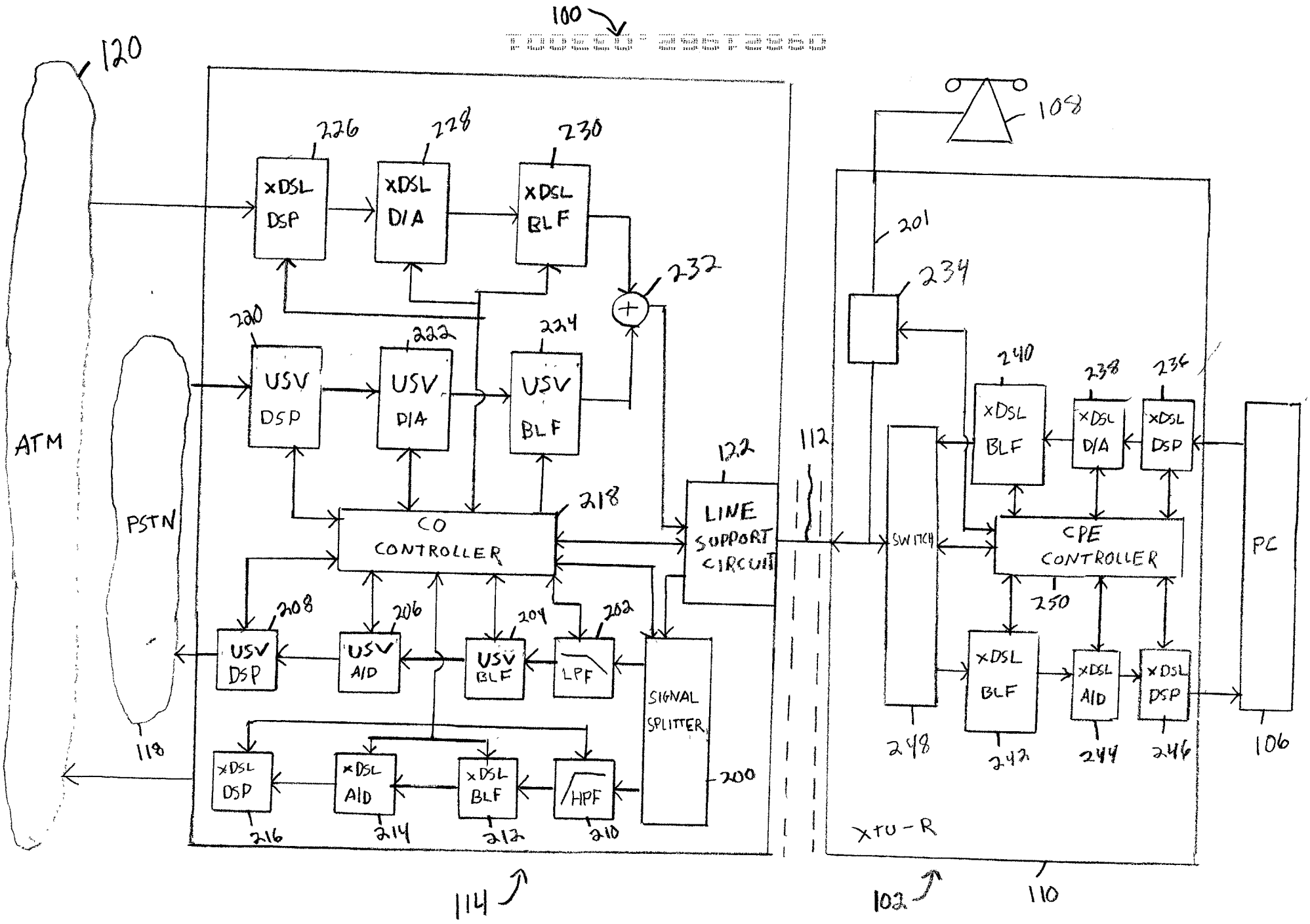
100
120
ATM
PSTN
118
xDSL DSP
226
xDSL D/A
228
xDSL BLF
230
232
USV DSP
220
USV D/A
222
USV BLF
224
CO CONTROLLER
218
LINE SUPPORT CIRCUIT
122
112
USV DSP
208
USV A/D
206
USV BLF
204
LPF
202
SIGNAL SPLITTER
200
xDSL DSP
216
xDSL A/D
214
xDSL BLF
212
HPF
210
114
108
201
234
SWITCH
240
xDSL BLF
238
xDSL D/A
236
xDSL DSP
CPE CONTROLLER
250
PC
106
248
xDSL BLF
242
xDSL A/D
244
xDSL DSP
246
xTU-R
102
110

FIG. 2

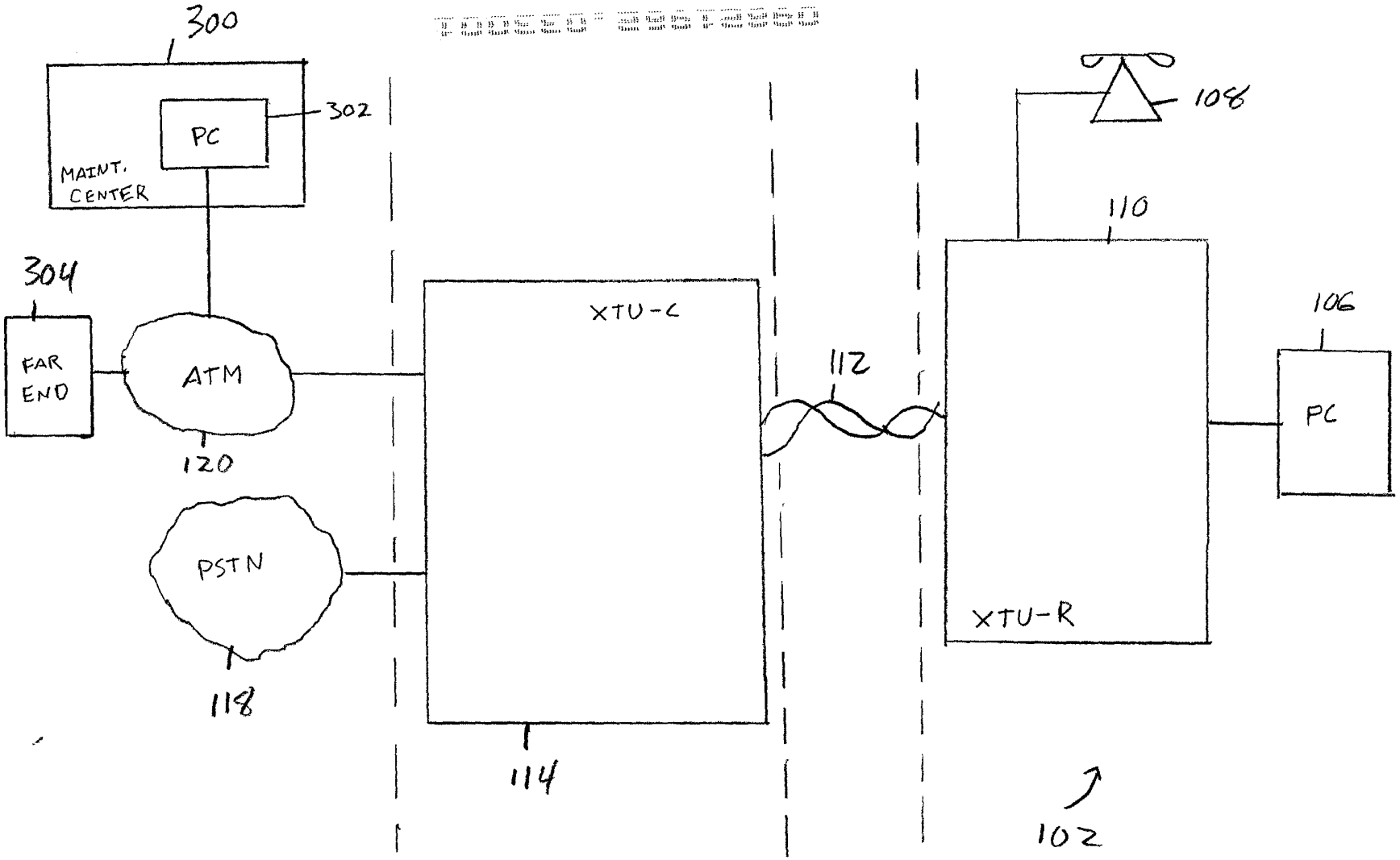
300
PC
302
MAINT. CENTER
304
FAR END
ATM
120
PSTN
118
XTU-C
114
112
108
110
XTU-R
106
PC
102

FIG. 3

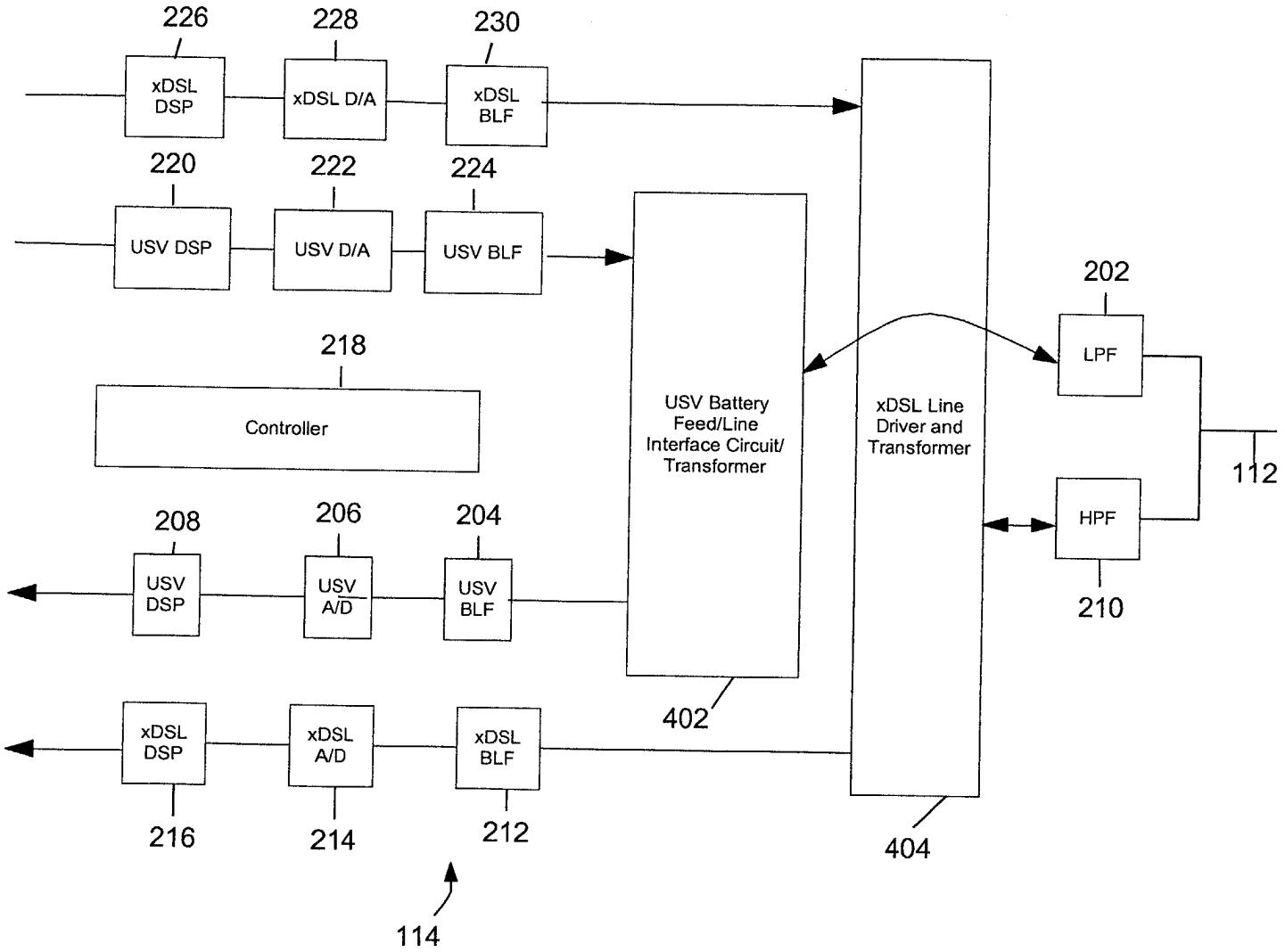
226
228
230
xDSL DSP
xDSL D/A
xDSL BLF
220
222
224
USV DSP
USV D/A
USV BLF
218
Controller
USV Battery Feed/Line Interface Circuit/ Transformer
xDSL Line Driver and Transformer
202
LPF
112
HPF
210
208
206
204
USV DSP
USV A/D
USV BLF
402
xDSL DSP
xDSL A/D
xDSL BLF
216
214
212
404
114

FIG. 4

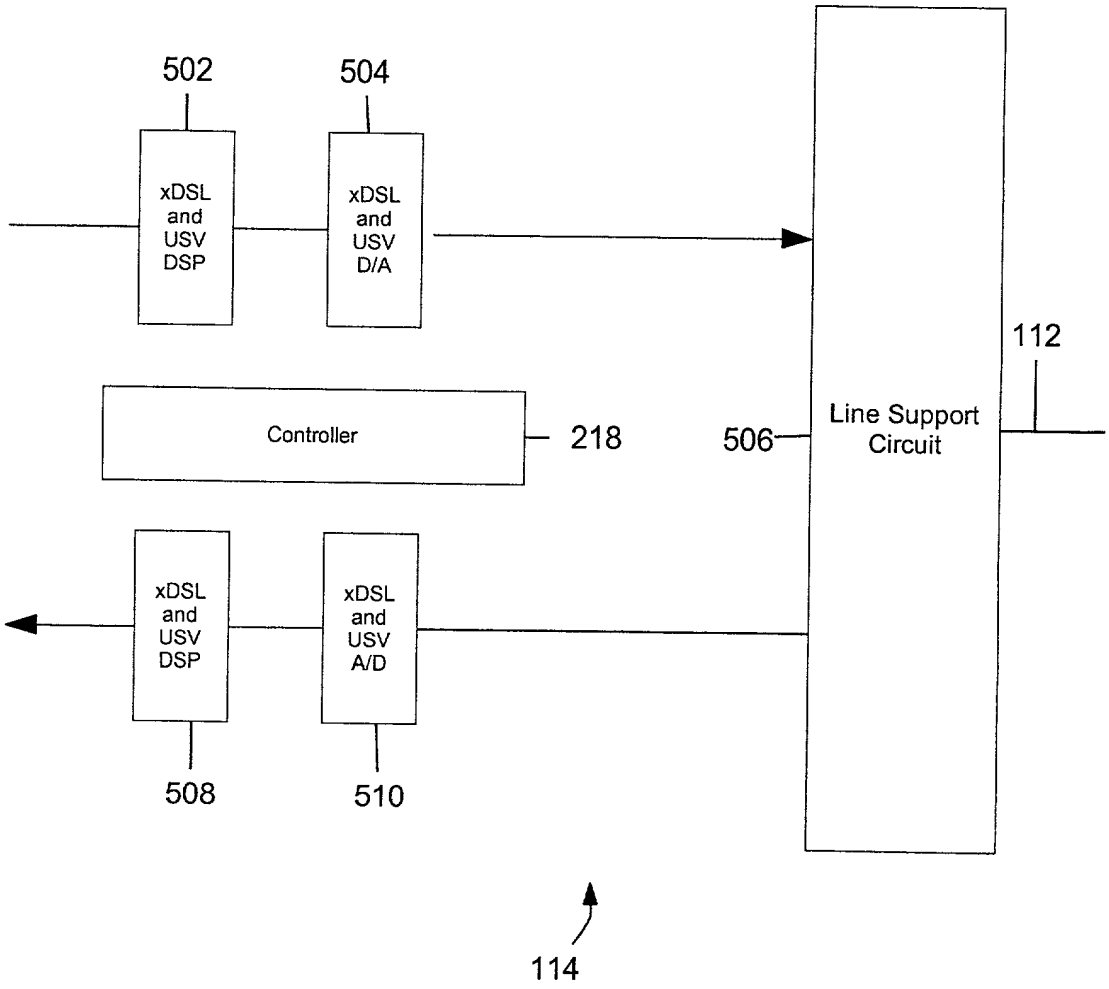
502
504
xDSL and USV DSP
xDSL and USV D/A
112
Controller
218
506
Line Support Circuit
xDSL and USV DSP
xDSL and USV A/D
508
510
114

FIG. 5